

Silent Duct™ High Velocity System

*A self-contained heating system featuring
innovative three-inch ducts*

- ◆ Three-inch flexible ducts easy to install
- ◆ Quieter than conventional high velocity systems
- ◆ Complete system of air handler, grilles, boots, flexible duct and duct connectors
- ◆ Attractive, compact air handler/heating coil/control system for easy installation
- ◆ Automatically and continuously adjusts heating output. Fully modulates the fan in cooling mode for ideal dehumidification



Pre-sized and factory-assembled, the **Silent Duct™** provides everything you need for an easy installation – all you provide is the plenum and return ducting.



Silent Duct's innovative three-inch diameter flexible ducting gives you all of the benefits of conventional high velocity systems, but with significant advantages.

While as easy to install as two-inch duct, Silent Duct™ requires fewer vent terminals than traditional high velocity systems. Recommended vent placement is high on the interior walls of a house, to provide maximum homeowner comfort.

The larger diameter also leads to less static pressure. That means the system is quieter than conventional high velocity systems and uses less fan energy.

The small dimensions of the air handler allow ceiling mounting or mounting above a water heater.

Silent Duct™ also works easily with conventional cooling coils and equipment.

The complete system comes equipped with air handler and compact duct components such as grilles, boots, flexible ducting and duct connectors.

Silent Duct™ is pre-sized so all you have to do is select the model that is right for your application. There are eight Silent Duct™ systems, ranging in size from 18,000 Btu/h to 122,000 Btu/h. Extra branches may be purchased separately as required. Standard models come complete with the minimum recommended number of branches, depending on the system.

Silent Duct™ High Velocity System Specifications

Model	SD-12	SD-18	SD-24	SD-30	SD-36	SD-42	SD-48	SD-60
Number of branches (minimum)	6	12	12	15	21	21	24	35
Cooling Capacity (Tons)	1.0	1.5	2.0	2.5	3.0	3.5	4.0	5.0
*Heating Capacity (Btu/h) 140°F water	18,000	25,000	41,000	48,000	54,000	57,000	61,000	67,000
*Heating Capacity (Btu/h) 180°F water	30,000	40,000	65,000	76,000	85,000	91,000	96,000	105,000
(USGPM) Heating	2.3	2.3	3.2	3.2	3.6	3.6	5	5
Nominal Airflow (CFM)	360	540	720	900	1080	1260	1440	1800
Blower Motor Full Load (Amps)	3.4	3.4	4.9	4.9	7.3	10	10	10
Circulator Full Load (Amps)	0.6	0.6	0.8	0.8	0.8	1	1	1

*based on 70°F return air, high fan speed and 20°F water temperature drop through the coil. Refer to our web site for detailed specifications.

Silent Duct™:
for a problem-free
installation.

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